

ABSTRACT

In a cable television converter terminal, NICAM
signal passthrough is achieved using an alignment-free
passthrough circuit including a NICAM SAW filter. The
5 alignment-free passthrough circuit directly taps the
output of the converter terminal's tuner to obtain the
NICAM signal. As a result, the NICAM signal is not
distorted by the components involved in obtaining the
other signal components of the cable television signal.
10 Consequently, sound quality is improved and rendered
less vulnerable to degradation due to component aging,
temperature fluctuations, and human error. The
passthrough circuit can be implemented as a removable
circuit module.

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